evaluation of the grey shades determined by the camera 22, in order to achieve a suitable control of the camera 22.

5 (Amended). Apparatus according to Claim 1, characterized in that the exposure time and/or aperture of the camera 22 is regulated via the evaluation of the grey shades of the surface image determined by the camera 22, in order to achieve a suitable control of the camera 22.

6 (Amended). Apparatus according to Claim 1, characterized in that a camera 22 with non-linear sensitivity is used.

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7 (Amended). Apparatus according to Claim 1, characterized in that projector 23, 53 and camera 22 span with the measurement points an angle which is less than 90°, and/or are arranged on the same side laterally next to the object 4 to be measured.

8 (Amended). Apparatus according to Claim 1, characterized in that projector 23, 53 and camera 22 are arranged next to one another or above one another above the object 4 to be measured.

9 (Amended). Method for measuring the strip geometry using an apparatus according to Claim 1, characterized in that elastic form changes are filtered using the ~~initially detected~~ peaks and the peaks are separated according to different frequencies and wavelengths on account of strip movements.

10 (Amended). Method for measuring the geometry of the strip edge using an apparatus according to Claim 1, characterized by the use of the edge boundary of the strip.

11 (Amended). Method according to Claim 10, characterized in that the strip width or cut length is determined from the edge boundary.